

Docket No.: SEIFARTH
Serial No.: 10/009,705

**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

- 1-9 (Cancelled)
10. (Currently amended) A MOP primer mixture of oligonucleotides which are forward and reverse primers for PCR comprising: at least one of MOP-ABD or MOP-C and wherein MOP-ABD consists of a forward primer with a head at its 5' end and a nucleotide sequence in accordance with SEQ. ID NO. 1 with 3456 degenerations, and a reverse primer with a head at its 5' end and a nucleotide sequence in accordance with SEQ. ID NO.2 with 27648 degenerations; and wherein MOP-C consists of a forward primer which is a nucleotide sequence with a head at its 5' end and a nucleotide sequence in accordance with SEQ. ID NO. 3 with 3072 degenerations, and a reverse primer with a head at its 5' end and a nucleotide sequence in accordance with SEQ. ID NO. ~~48192~~ 4 with 8192 degenerations; and wherein each of the heads defines a nucleotide sequence comprising an interface for a restriction enzyme and a clamp sequence at a 5' end of the interface and which has a length not exceeding one half of a length of a complete nucleotide sequence of one of the forward or the reverse primer.
11. (Original) The primer mixture of claim 10, wherein the head has the sequence GAAGGATCC.
- 12-14 (Cancelled).